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ZEISS IKON

Repair Instructions

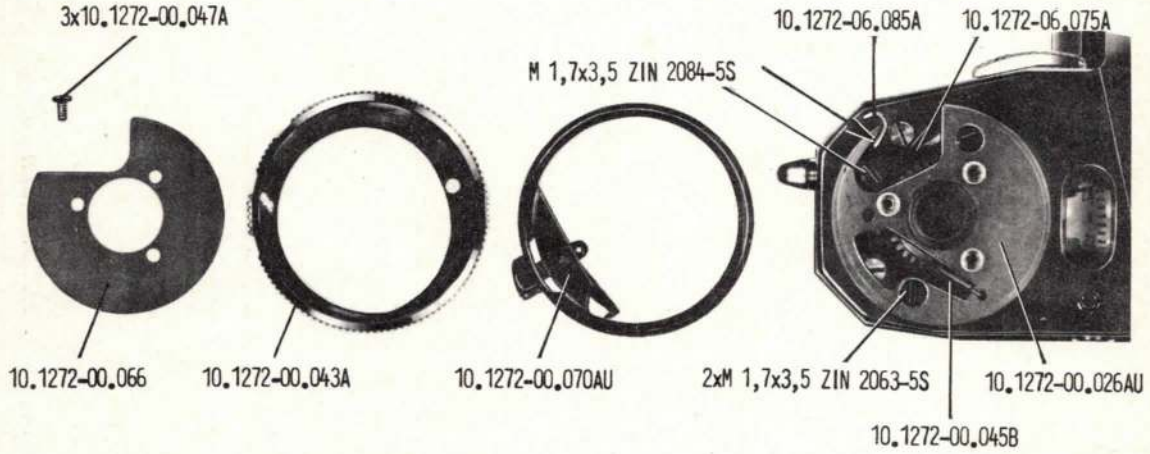
Contaflex super B, Cat. No. 10.1272

Supplement No. I

Altering the film speed setting

New parts required

Order No.	Designation	No. of parts
10.1272-00.066	Cover plate	1
10.1272-00.047A	Screw	3
10.1272-00.043A	Ring	1
10.1272-00.070AU	DIN/ASA scale ring	1
10.1272-00.026AU	Bedplate	1
10.1272-00.045B	Spring	1
M 1,7x3,5 ZIN 2063-5S	Screw	2
10.1272-06.075A	Cover	1
10.1272-06.085A	Lever	1
M 1,7x3,5 ZIN 2084-5S	Screw	1



As a result of this alteration, the adjustment of the red exposurelimiting mask and the calibration in the lower measuring range of the exposure meter is no longer performed by means of the cam on lever 293 (see Repair Instructions, page 10, "Exposure meter calibration" and also page 11, "Checking the movement of the meter needle", para. 2), but by gently bending the scanning arm on lever 10.1272-06.085A in the appropriate direction:

Bending the arm inwards (towards screw M 1,7x3,5 ZIN 2084) = Movement of red mask is increased
Bending the arm outwards = Movement of red mask is decreased.

By bending the lever 10.1272-06.085A inwards or outwards (at the point marked by the arrow), the calibration can also be adjusted in the lower measuring range.

Earlier-model cameras can be converted; the new parts listed above will be required. The cover 10.1272-06.075A can however be re-employed since space is provided for the small lug on lever 10.1272-06.085A.

Exposure meter calibration

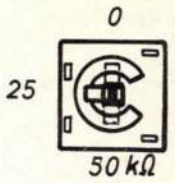
As is explained in the Repair Instructions, bottom of page 10, slight deviations in the upper measuring range can be remedied by making slight adjustments to the regulating resistor 306 (Fig. 10). To do this it is only necessary to slacken-off the cap screw 59 (Fig. 3); it is advisable to employ a piece of rubber to prevent the top capping from being damaged. It is therefore not necessary to dismantle the camera (this was not clearly emphasized in the Repair Instructions).

The deviation must not however exceed ± 1 f/stop, if the temperature compensation (the resistance-relationship between the regulating resistor and the thermistor) is not to be disturbed.

The thermistor resistance should account for 30 - 40 % of the total resistance value.

Example:

Normal resistor	= 26 kOhm
Thermistor	= 14 kOhm
Total resistance	= 40 kOhm



Regulating resistors of 50 kOhm are employed in the Contaflex super B; in the case illustrated in the above example, the resistor should be adjusted to half its full resistivity (see diagram).

The resistivity of the thermistors is indicated by three coloured dots, in accordance with the International Colour-Coding system.

Colour	1st dot	2nd dot	3rd dot
Black	0	0	0
Brown	1	1	0
Red	2	2	00
Orange	3	3	000
Yellow	4	4	0000
Green	5	5	00000
Blue	6	6	
Violet	7	7	
Grey	8	8	
White	9	9	

To read off the resistance value, start from the dot nearest to the front end of the resistor.

Example:	Brown	Yellow	Orange	
	1	4	000	= 14 000 Ohm = 14 kOhm

Cap screw 59 (Fig. 3)

The cap screw 59 has been provided with a slot in order to make it easier to tighten; the tip of the screwdriver employed should be rounded-off slightly to avoid damaging the cap screw. The order number, 10.1272-00.011 has not been altered.